

**TELEPHONE INTERFACE FOR COMMUNICATING WITH EMBEDDED
DEVICES THROUGH A GATEWAY AND ALLOWING ACCESS FROM A
REMOTE SERVICE PROVIDER**

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ABSTRACT OF THE DISCLOSURE

A telephone network interface is disclosed for facilitating communications through
10 use of a telephone with an embedded device through a gateway and for facilitating
communications between a remote service provider and the gateway. The telephone network
interface includes a telephone interface for electronic communication with a telephone. The
telephone network also includes a gateway interface for electronic communications with a
gateway. An external telephone network interface is included for connecting the telephone
15 network interface to an external telephone network. In addition, connection control is also
provided. Connection control causes the telephone to be selectively in electronic
communication with the external telephone network for telephone calls. The connection
control also selectively causes the telephone to be in electronic communication with the
gateway for communicating with an embedded device such that device requests from the
20 telephone are communicated to the gateway. The gateway is in electronic communication
with the embedded device. The connection control further selectively causes the gateway to
be in electronic communication with the external telephone network to enable electronic
communications between a control service provider and the gateway.

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